

Claims

1. Sealing strip which is arranged for mounting on a frame structure (3) of a vehicle and is intended for co-operation with a window pane (17) which is pivotable between an open position and a closed position, with at least one sealing lip (12, 16) which butts at the edge against the pane (17) as a function of the pivoted position of the pane, characterised by shaped parts (1, 2) which are produced separately from one another, are intended for mounting on the frame structure (3) and bear at least one sealing lip and which in the mounted state form a space (4) which is generally U-shaped in cross-section and is arranged to receive the pane (17).
2. Sealing strip as claimed in Claim 1, characterised in that at least one of the two shaped parts (1, 2) is adjustably fixed on the frame structure (3) in a direction (21) perpendicular to the surface of the pane (17) in such a way that the contact pressure of the at least one sealing lip (12, 16) is adjustable.
3. Sealing strip as claimed in Claim 1 or 2, characterised in that at least one of the shaped parts (1, 2) is provided with a functional surface which is to be coated or to be processed in some other way.
4. Sealing strip as claimed in any one of Claims 1 to 3, characterised in that the space (4) has a changing depth dimension (7) in adaptation to the movement curve of the pane (17) between a completely open position and a completely closed position starting from one end (8) thereof up to the other end (9) thereof.
5. Sealing strip as claimed in any one of Claims 1 to 4, characterised in that at least one of the two shaped parts (1, 2) has a generally L-shaped configuration and comprises a base part (13) intended for fixing on the frame structure (3) and a side part (14) extending perpendicular thereto, wherein the side part (14) extends substantially parallel to the pane (17) or to the depth dimension (7).

6. Sealing strip as claimed in one of Claims 1 to 5, characterised in that the shaped parts (1, 2) in the mounted state are connected only via the frame structure (3), but are not connected directly to one another.

7. Sealing strip as claimed in Claim 5 or 6, characterised in that the base part (13) extends substantially parallel to an edge portion (6) of the frame structure (3) and is adjustably connected to the edge portion (6) perpendicular to the surface of the pane (17) in the direction of the arrows (21).

8. Sealing strip as claimed in any one of Claims 5 to 7, characterised by at least one sealing profile (26, 22) which is effective between the frame structure (3) and one of the shaped parts (1, 2) for sealing the interior of the sealing strip relative to the outer face (24) of the frame structure (3).

9. Sealing strip as claimed in any one of the preceding Claims 2 to 8, characterised in that the shaped parts (1, 2) are made from a plastics material, e.g. PPE, that the sealing elements (11, 15) as well as the at least one sealing profile (26, 22) are made from an elastomer, e.g. EPDM or TPE, and are in each case constructed as shaped elements which are connected to the shaped parts (1, 2) within the framework of a moulding process or in some other way.

10. Sealing strip as claimed in any one of the preceding Claims 2 to 8, characterised in that at least one of the shaped parts (1, 2) is made from a metal material, e.g. high-alloy steel sheet, that the sealing elements (11, 15) as well as the at least one sealing profile (26, 22) are made from an elastomer, e.g. EPDM or TPE, and are in each case constructed as shaped elements which are connected to the shaped parts (1, 2) within the framework of a moulding process or in some other way.

11. Sealing strip as claimed in any one of the preceding Claims 1 to 10, characterised in that the shaped parts (1, 2) are releasably connected to the frame structure (3).

12. Sealing strip as claimed in any one of the preceding Claims 1 to 11, characterised in that the shaped parts (1, 2) have a spatially curved configuration from one end (8) to the other end (9) as a function of the frame structure (3).